

# Gypsum Product Manufacturing: 2002

Issued August 2004

EC02-311-327420

## 2002 Economic Census

*Manufacturing*

Industry Series



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U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
327420, Gypsum product manufacturing .. 2002..	220	309	12 011	510 801	9 696	21 278	387 791	1 941 791	2 117 644	4 062 516	181 945
2001..	N	N	13 389	526 636	10 984	24 920	402 727	1 571 039	2 370 138	3 933 935	199 080
2000..	N	N	14 949	570 485	12 061	27 061	434 990	2 470 196	2 457 144	4 924 216	207 234
1999..	N	N	15 163	569 610	12 371	28 563	427 201	3 216 056	2 525 949	5 733 836	156 822
1998..	N	N	14 813	553 966	12 087	27 547	420 647	2 864 081	2 465 733	5 374 935	166 707
1997..	185	273	13 543	496 563	10 923	25 108	363 854	2 201 848	2 160 927	4 365 173	154 001

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
327420, Gypsum product manufacturing												
United States .....	1	309	117	12 011	510 801	9 696	21 278	387 791	1 941 791	2 117 644	4 062 516	181 945
Florida .....	—	26	7	994	43 122	810	1 871	31 290	168 934	203 113	372 126	13 661
Georgia .....	—	13	7	418	18 428	333	725	14 347	85 723	100 408	186 198	2 434
Indiana .....	2	10	7	881	38 598	737	1 587	30 425	136 871	161 638	298 057	9 508
Ohio .....	1	11	3	502	21 485	421	977	16 912	41 774	81 666	123 540	2 917
Oklahoma .....	1	8	5	648	23 171	505	1 007	16 901	80 509	67 318	148 835	1 877
Texas .....	1	23	10	1 021	40 987	851	1 964	33 286	189 982	159 961	351 660	5 755

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>327420, Gypsum product manufacturing</b>	
Companies <sup>1</sup> .....	number.. 220
All establishments <sup>2</sup> .....	number.. 309
Establishments with 1 to 19 employees .....	number.. 192
Establishments with 20 to 99 employees .....	number.. 79
Establishments with 100 employees or more .....	number.. 38
All employees <sup>3</sup> .....	number.. 12 011
Total compensation .....	\$1,000.. 639 046
Annual payroll .....	\$1,000.. 510 801
Total fringe benefits .....	\$1,000.. 128 245
Production workers, average for year .....	number.. 9 696
Production workers on March 12 .....	number.. 9 524
Production workers on May 12 .....	number.. 9 721
Production workers on August 12 .....	number.. 9 815
Production workers on November 12 .....	number.. 9 675
Production worker hours .....	1,000.. 21 278
Production worker wages .....	\$1,000.. 387 791
Total cost of materials .....	\$1,000.. 2 117 644
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 1 553 138
Resales .....	\$1,000.. 164 468
Purchased fuels .....	\$1,000.. 282 640
Purchased electricity .....	\$1,000.. 111 586
Contract work .....	\$1,000.. 5 812
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 2 315 169
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 23 958
Total value of shipments .....	\$1,000.. 4 062 516
Primary products value of shipments .....	\$1,000.. 3 743 854
Secondary products value of shipments .....	\$1,000.. 127 460
Total miscellaneous receipts .....	\$1,000.. 191 202
Value of resales .....	\$1,000.. 185 770
Contract receipts .....	\$1,000.. -
Other miscellaneous receipts .....	\$1,000.. 5 432
Primary products specialization ratio .....	percent.. 97
Value of primary products shipments made in all industries .....	\$1,000.. 3 830 058
Value of primary products shipments made in this industry .....	\$1,000.. 3 743 854
Value of primary products shipments made in other industries .....	\$1,000.. 86 204
Coverage ratio .....	percent.. 98
Value added .....	\$1,000.. 1 941 791
Total inventories, beginning of year .....	\$1,000.. 221 869
Finished goods inventories .....	\$1,000.. 73 941
Work-in-process inventories .....	\$1,000.. 9 040
Materials and supplies inventories .....	\$1,000.. 138 888
Total inventories, end of year .....	\$1,000.. 225 927
Finished goods inventories .....	\$1,000.. 74 582
Work-in-process inventories .....	\$1,000.. 5 318
Materials and supplies inventories .....	\$1,000.. 146 027
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 2 889 504
Total capital expenditures (new and used) .....	\$1,000.. 181 945
Buildings and other structures (new and used) .....	\$1,000.. 21 591
Machinery and equipment (new and used) .....	\$1,000.. 160 354
Automobiles, trucks, etc., for highway use .....	\$1,000.. 3 357
Computers and peripheral data processing equipment .....	\$1,000.. 5 410
All other expenditures for machinery and equipment .....	\$1,000.. 151 587
Total retirements .....	\$1,000.. 111 309
Gross value of depreciable assets at end of year .....	\$1,000.. 2 960 140
Depreciation charges during year .....	\$1,000.. 215 881
Total rental payments .....	\$1,000.. 29 868
Buildings and other structures .....	\$1,000.. 13 088
Machinery and equipment .....	\$1,000.. 16 780
Total other expenses <sup>4</sup> .....	\$1,000.. 153 963
Response coverage ratio <sup>5</sup> .....	percent.. 83
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 53 818
Communications services <sup>4</sup> .....	\$1,000.. 3 970
Legal services <sup>4</sup> .....	\$1,000.. 1 234
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 646
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 4 873
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 2 103
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 7 781
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 2 179
Taxes and license fees <sup>4</sup> .....	\$1,000.. 12 153
All other expenses <sup>4</sup> .....	\$1,000.. 65 207

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
327420, Gypsum product manufacturing											
All establishments .....	1	309	12 011	510 801	9 696	21 278	387 791	1 941 791	2 117 644	4 062 516	181 945
Establishments with—											
1 to 4 employees .....	9	124	c	D	D	D	D	D	D	D	D
5 to 9 employees .....	6	35	236	9 490	194	418	7 554	30 822	44 625	75 496	2 476
10 to 19 employees .....	6	33	464	17 795	331	727	12 139	61 992	69 961	132 410	3 626
20 to 49 employees .....	3	33	955	32 820	737	1 486	21 738	86 762	163 354	249 923	7 428
50 to 99 employees .....	1	46	3 469	153 787	2 781	6 250	121 823	708 603	674 459	1 382 444	95 480
100 to 249 employees .....	—	31	4 402	191 344	3 585	7 803	144 496	790 769	850 576	1 644 380	55 793
250 to 499 employees .....	1	7	g	D	D	D	D	D	D	D	D
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	143	462	18 572	374	792	13 940	59 789	75 865	135 651	6 255

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
327420	Gypsum product manufacturing .....	309	12 011	510 801	9 696	21 278	387 791	1 941 791	2 117 644	4 062 516	181 945
3274201	Gypsum building materials.....	122	8 787	393 100	7 126	15 860	302 613	1 547 974	1 693 346	3 241 359	168 229
3274205	Other gypsum products .....	50	2 876	104 295	2 287	4 835	74 994	351 053	367 723	721 821	9 130

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327420	Gypsum product manufacturing .....	2002.. N 1997.. N	X X	X X	3 830 058 4 025 075
3274201	Gypsum building materials .....	2002.. N 1997.. N	X X	X X	2 980 681 3 475 824
32742011	Gypsum plaster building boards and lath .....	2002.. N 1997.. N	X X	X X	2 419 239 3 106 116
327420111	Gypsum plaster building boards and lath .....	2002.. 40 1997.. 29	X X	S S	2 419 239 3 106 116
32742012	Gypsum building plasters .....	2002.. N 1997.. N	X X	X X	370 819 363 625
327420121	Gypsum building plasters .....	2002.. 12 1997.. 18	X X	X X	370 819 363 625
3274201Y	Gypsum building materials, nsk .....	2002.. N 1997.. N	X X	X X	190 623 6 083
3274201YVV	Gypsum building materials, nsk .....	2002.. N 1997.. N	X X	X X	190 623 6 083
3274205	Other gypsum products .....	2002.. N 1997.. N	X X	X X	766 136 N
32742051	Other gypsum products .....	2002.. N 1997.. N	X X	X X	758 057 N
327420511	Industrial plasters, gypsum .....	2002.. 6 1997.. N	X X	X X	153 159 N
327420512	Moldings, ornamental and architectural plaster work .....	2002.. 17 1997.. N	X X	X X	61 519 N
327420513	Other calcined gypsum products .....	2002.. 14 1997.. N	X X	X X	520 999 N
327420514	Gypsum statuary and art goods .....	2002.. 21 1997.. N	X X	X X	22 380 N
3274205Y	Other gypsum products, nsk .....	2002.. N 1997.. N	X X	X X	8 079 N
3274205YVV	Other gypsum products, nsk .....	2002.. N 1997.. N	X X	X X	8 079 N
327420W	Gypsum product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	83 241 74 404
327420WY	Gypsum product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	83 241 74 404
327420WYWW	Gypsum product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	762 1 626
327420WYWY	Gypsum product manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	82 479 72 778

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3274201	Gypsum building materials	
	United States..... 2002..	2 980 681
	..... 1997..	3 475 824
	Florida ..... 2002..	273 124
	..... 1997..	239 558
	Georgia ..... 2002..	164 979
	..... 1997..	252 841
	Indiana ..... 2002..	227 846
	..... 1997..	189 930
	Ohio ..... 2002..	72 319
	..... 1997..	88 749
	Oklahoma ..... 2002..	91 081
	..... 1997..	134 450
	Texas ..... 2002..	334 545
	..... 1997..	385 493
3274205	Other gypsum products	
	United States..... 2002..	766 136
	..... 1997..	N
	Florida ..... 2002..	58 692
	..... 1997..	N
	Georgia ..... 2002..	7 466
	..... 1997..	N
	Texas ..... 2002..	8 515
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.



**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
327420	Gypsum product manufacturing		
00900001	Total materials .....2002..	X	1 553 138
	.....1997..	X	1 758 295
32213003	Paperboard liners .....2002..	X	294 780
	.....1997..	X	377 002
32222403	Paper shipping sacks and multiwall bags .....2002..	X	14 417
	.....1997..	X	D
32200007	Other paper and paperboard products .....2002..	X	163 921
	.....1997..	X	233 438
32710000	Refractories, clay and nonclay .....2002..	X	D
	.....1997..	X	D
32731007	Cement clinker .....2002..	X	D
	.....1997..	X	D
32799215	Minerals and earths, ground or otherwise treated .....2002..	X	136 964
	.....1997..	X	200 242
32700007	Other stone, clay, glass, and concrete products .....2002..	X	11 948
	.....1997..	X	39 728
21231003	Crushed and broken stone (including cement rock, limestone, etc.) .....2002..	X	148 280
	.....1997..	X	266 924
32791003	Abrasives and abrasive products .....2002..	X	D
	.....1997..	X	N
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	469 525
	.....1997..	X	501 353
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	309 449
	.....1997..	X	37 181

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.